

## STANDARD WATERMAIN EXTENSION NOTES

1. The watermain shall be disinfected equal to AWWA Standard for Disinfecting Watermains Designation C651 (latest revision). Following disinfection, the water main shall be flushed until the chlorine concentration in the water leaving the main is no higher than that generally prevailing in the system.

All watermain fittings not receiving 24-hour chlorine disinfection contact time must be swab disinfected 30 minutes prior to installation.

The sampling point(s) must be decontaminated by flaming.

Fire hydrants are not acceptable sampling points.

The Monroe County Department of Health must receive at least 48-hour advance notification requesting sampling services. Sampling will not be performed prior to receipt from a New York State licensed or registered design professional (engineer, architect or land surveyor with a special exemption under Section 7208(n) of the Education Law) certifying that the water supply improvements, testing and disinfection procedures were completed in accordance with the approved plans, reports, specifications and any approved amendments. The Department will collect samples for free chlorine residual, total and fecal coliform and 24-hour bacterial plate count.

The watermain shall not be placed into service until so authorized by the Monroe County Department of Health.

2. Minimum vertical separation between watermains and sewer pipe lines shall be 18 inches measured from the outside of the pipes at the point of crossing. One full standard laying length of watermain shall be centered under or over the sewer so that both joints will be as far from the sewer as possible. In addition, when the watermain passes under a sewer, adequate structural support (compacted selected fill) shall be provided for the sewer to prevent excessive deflection of joints and settling of the sewer on the watermain. Minimum horizontal separation between parallel watermains and sewer pipes (including manholes and vaults) shall be 10 feet measured from the outside of the pipes, manholes or vaults.
3. When installing fire hydrants, should ground water be encountered within seven (7) feet of the finished grade, fire hydrant weep holes (drains) shall be plugged.
4. The watermain shall be pressure/leakage tested in accordance with the minimum requirements of the AWWA Standard C600 (latest revision) or in accordance with more stringent requirements imposed by the supplier of water.